Amateur Radio Newsline(tm) Report 1565 - August 10, 2007

Amateur Radio Newsline report number 1565 with a
release date of Friday, August 10, 2007 to follow in 5-4-3-2-1.

The following is a Q-S-T.

Hams are praised for their communications support
at California's Zaca wildfire, a ham is the
first teacher in space, Scouting celebrates its
100th anniversary with ham radio in space and the
R-S-T signal reporting system may soon be a thing
of ham radios analog past. Find out the details
on Amateur Radio Newsline(tm) report number 1565 coming your way right now.

(Billboard Cart Here)

**

RESCUE RADIO: PRAISE FOR ARES RESPONSE TO CALIFORNIA'S ZACA FIRE

Amateur Radio and particularly the Amateur Radio
Emergency Service units involved with
California's giant Zaca wildfire near have drawn
the praise of that anta Barbara County's fire
department. Speaking at an August 1st Town Hall
meeting of the fire-fighting Unified Command,
Fire Department Public Information Officer Eli
Eskow heaped praise on the hams who were out
there backing up his firefighting teams:

--

"There's one group I forgot to mention and thank
personally. The Amateur Radio Emergency Services
group has worked with us forever (applause)
forever!! And on this event, this fire I have
asked them many, many requests and
chores. They've jumped at every opportunity to
help us. They've carried mail. They have most
importantly thrown their bodies in front of the
public to stop them from going through closed
roads, putting themselves in danger. They've been
great. Anytime we've asked them anything, they
jump at any opportunity to help us..."

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Some area 300 residents facing the possibility of
evacuation attended the meeting. Among those
present representing ham radio were Santa Barbara
District Emergency Coordinator Dennis Daniel,
KM6DF, and Will Tefft, KG6DHK, who serves as
Santa Barbara South County Emergency Coordinator.

Since that meeting the Zaca fire has intensified. As this report is being written flames are less than two miles from a road that runs parallel to the Santa Ynez River. ARES volunteers continue to bee active with communications support. (N6ZKJ)

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RADIO POLICY: RSQ MAY REPLACE RST BELOW 30 MHz

A new signal reporting method for digital modes will be considered at the International Amateur Radio Union Region 2 Conference. This, at a very busy meeting to be held in Brazil from September 10th to the 14th. Bill Pasternak, WA6ITF, has more:

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One of the agenda items is a recommendation that a new RSQ reporting system. This, to be used for digital modes below 30 MHz.

RSQ stands for Readability, Strength and Quality. It was first proposed and endorsed at the Region 1 IARU General Conference back in 2005. From there it quickly gained popularity among the worlds ham radio societies and political leader. Because of this the RSQ concept was also agreed to last year at the IARU Region 3 Conference in Bangalore, India.

RSQ would replace the traditional RST reports that hams have used since 1934. RST stands for Readability, Strength and Tone but appears not suitable for digitally generated signals. RSQ is favored because it can provide a more useful signal report for High Frequency digital modes.

For the Amateur Radio Newsline, I'm Bill Pasternak, WA6ITF, in the studio in Los Angeles.

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Even if Region 2 adopts the RSQ reporting system, it won't fully replace RST in the near future. That's because the majority of signals on the air are still of the good old analog variety and will be with us for some time. (WIA News)

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RESTRUCTURING: SOUTH AFRICA RADIO LEAGUE TO ISSUE RAE CERTIFICATES

Amateur Radio restructuring continues in South Africa. This with word that the South Africa

Radio League will now issue the nations Radio Amateur Exam certificates following an agreement having been finalized with that nations telecommunications regulator.

Candidates who pass the South African Class A Amateur Examination will be issued an international certificate. This document allows operation in all CEPT countries and several others outside Europe who are complying with the conditions of the internationally accepted examination.

Those who pass the introductory level Class B examination will be issued a Radio Amateur Exam certificate only. The class B examination is not compliant and the license issued for passing it cannot be used for operation in other countries. (SARL)

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THE BPL FIGHT: ARRL RETURNS TO COURT OVER BPL

The ARRL has gone back to court over BPL. This as the League files its reply brief at the U-S Court of Appeals for the District of Columbia Circuit.

The July 31st action follows the FCC's brief that attempted to rebut the ARRL's challenge to the FCC's Broadband over Power Line rules enacted in late 2004 and affirmed by the agency in 2006. According to ARRL General Counsel Chris Imlay, W3KD, the FCC's brief does not accurately describe ARRL's arguments concerning harmful interference.

The ARRL, in its reply brief, accuses the FCC of, engaging in misdirection and rebutting hyperbolic arguments ARRL never made. It also charges the FCC with refusing to address the precedents ARRL cited and attempting to rewrite the Orders as if they made factual rather than legal determinations. The ARRL's brief also states that this is a case about an unlicensed operator's legal duty to cease harmful interference once it arises and not about the standard for authorizing unlicensed transmissions. (ARRL)

**

INTRUDER WATCH FOLLOW-UP: 10 METER RELIGIOUS BROADCASTER FOUND IN IRELAND

A follow-up to our recent story involving a religious broadcaster in the 10 meter ham band. The Irish Radio Transmitters Society reports that the culprit is a church the Dublin area. Initial bearings would indicate that the transmissions are originating somewhere on the north side of that city but further work is

required to identify the which church it actually
is. The I-R-T-S notes that services are
transmitted 28.105 MHz FM at 9:00, 10:00 and
11:00 A.M. local Dublin time on Sundays and at
10:00 A.M. on weekdays. The Irish Radio
Transmitters Society is Ireland's national Amateur Radio organization.
 (IRTS)

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Break 1

 From the United States of America, We are the
Amateur Radio Newsline, heard on bulletin
stations around the world including the Great
South Bay Amateur Radio Club's W2GSB station serving West Babylon New York.

(5 sec pause here)

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HAM RADIO IN SPACE: KD5VNP TO MAKE TEACHER IN SPACE DREAM COME TRUE

A ham radio operator and teacher is on her way to
space to help in further construction of the
International Space Station and to make the goal
of a teacher in space a reality. Mission
Specialist Barbara Morgan, KD5VNP, is part of the
crew of Shuttle mission STS-118. This is an 11
day construction and re-supply mission of the orbiter Endeavour to the
 I-S-S.

Barbara Morgan is what is known as an Educator
Astronaut. Almost two decades ago she was the
back-up for Christa McAuliffe in the Teacher in
Space Project. McAuliffe and the rest of the
seven member crew on board the Challenger were
killed on January 28, 1986 in a launch accident
caused when a seal ruptured on the solid rocket
motor and burned through the external fuel tank.
Now, 22 years later, Morgan will complete the
dream of an educator teaching from space when she
gets the chance to talk with and answer questions
from schoolchildren on the ground via ham radio.

Morgan trained side by side with McAuliffe but
the Teacher in Space Project was put on hold
after the Challenger tragedy. Morgan on her own
initiative completed the tour of schools planned
for McAuliffe and became a full member of the
United States Astronaut Corps in 1998. In 2002,
she was chosen as the first educator to become a
Mission Specialist astronaut. She passed her
Amateur service exam and was licensed as KD5VNP in 2003. (ANS, NASA,
 others)

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HAM RADIO IN SPACE: LONG SILENT RS-15 HEARD AGAIN

The long silent RS-15 Amateur Radio satellite heard again. PA3GUO says that he heard and recorded the audio from RS 15 on 29.3156 MHz using a Kenwood TS-2000 and a 20 meter dipole. PA3GUO says that he thinks that this was RS 15's Beacon 1.   Here's what he heard:

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Actual beacon audio. Hrear it in the MP3 downloadable version of this weeks newscast at www.arnewsline.org

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RS is the Russian designation for Radiosport. The RS-15 was launched on December, 26th 1994 from the Baikonur Cosmodrome in Kazikstan. Its orbit gave good coverage and its 2 meter to 10 meter transponder permitted low power DX working using very simple equipment. More is on line at http://home.vianetworks.nl/users/hamoen/pa3guo/ (Southgate)

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RESCUE RADIO: SEPTEMBER IS NATIONAL PREPAREDNESS MONTH

September is National Preparedness Month and the ARRL says that Amateur Radio operators are joining a wide variety of national, state and local organizations, including the US Department of Homeland Security. This, in educating the public about preparing for emergencies.

The League says that when unexpected natural or man-made emergencies occur, our greatest individual defense is preparedness. Getting an emergency supply kit, making an emergency plan, and identifying preparedness and response resources within our communities are several things we can do to prepare ourselves.

This nationwide effort is to encourage individuals and families to take simple steps to prepare for emergencies in their homes, businesses and schools. For hams it means getting your Go Kit ready and making sure you are trained to properly communicate in case the worst actually happens. (ARRL, Southgate, others)

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RECUE RADIO: HILTON HEAD ISLAND GORES HAM RADIO

South Carolina's Hilton Head Island is joining a growing number of communities in disaster preparedness. This, by installing amateur radio gear to use as a backup system if the multitude of other communications systems are knocked out by some form of disaster.

After being convinced of the need by local radio amateurs, about a year ago the town installed an antenna system that local hams could use in times of emergencies. Now Hilton Head Island has installed a city owned ham radio station at its emergency operations center and is purchasing two mobile units that can be used in cars. The county and local hospitals are also adopting the radio system as a backup.

Chief Tom Fieldstead of the Fire and Rescue Division says that the town normally uses an 800 MHz trunked radio system to communicate during emergencies. It can also use a statewide radio system, microwaves, fiber optics and telephones if needed.

Jay Harter, who is the town Emergency Management Coordinator and Deputy Fire Chief Randy Osterman recently completed a ham radio training class, passed the licensing exam and are awaiting their calls. As an added incentive to hams on Hilton Head Island, city officials say that they will deputize members of local amateur radio clubs who volunteer to assist. (SCMediaNews.com)

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ENFORCEMENT: WHY WONT YOU CLEAN UP YOUR SIGNAL

Turning to enforcement news, the FCC has written to Robert A. DiMezza, W2GGI, of Delray Beach, Florida regarding a complaint received by the Commission concerning the operation of DiMezza's Amateur station. The accusation alleges, among other things, poor signal quality and refusal by W2GGI to make corrections.

The FCC's July 13th letter to DiMezza gave him 20 days from the date of receipt of the letter to fully address the issues raised in the complaint.   The FCC also told DiMezza that his license is due for renewal on October 15th. It says that the issues involved in the complaint against him must be resolved prior to any renewal. (FCC)

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ENFORCEMENT: PROPOSED $4000 FOR CONTEST RULES VIOLATION

Hams are not the only ones hearing from the FCC'

enforcement folks in recent days. The agency has issued a $4000 Notice of Apparent Liability for Monetary Forfeiture to Saga Communications of New England, L.L.C. licensee of Station WAQY -FM in Springfield, Massachusetts. The proposed fine comes as a result of the stations failure to fully and accurately disclose the material terms of the contest and conduct the contest substantially as announced or advertised. Bruce Tennent, K6PZW, reports:

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The proposed fine is the result of a complaint from Robert Naginewicz alleging that Saga failed to conduct its contest involving the musical group Aerosmith, which was broadcast by the station during the June through July 2005 period. According to Naginewicz, on July 17, 2005, he won the contest's "Grand Prize Giveaway," the prizes for which included a free two-year lease on a 2005 Buick LaCrosse automobile, or its cash equivalent, from the co-sponsor, Bob Pion Pontiac. Also, the cars trunk was supposed to be loaded full of Aerosmith memorabilia.

Naginewicz alleges that although he was assured by the station's staff that all of his prizes would be delivered to him by July 22, 2005, he did not receive the monetary portion until August 18, 2005. Also, despite numerous queries made of the station's staff, as of December 31, 2005 he was still awaiting delivery of the memorabilia portion.

Following up on the Naginewicz complaint, the Enforcement Bureau by letter dated January 24, 2006, inquired of Saga concerning these allegations. Saga responded on March 2, 2006. It contended that its one-month delay in delivering the monetary portion of the prize, although less than ideal, was "within the zone of reasonableness." It acknowledged, however, that its failure to fulfill the memorabilia portion until after Mr. Naginewicz had contacted the Commission, represents a station "problem" that it claims it has since addressed and resolved. Saga indicated that, because of its delay in fulfilling its promise to Mr. Naginewicz, it enhanced the award made to him by contributing additional prizes.

But the FCC says that under Section 73.1216 of its rules, a broadcast licensee must conduct station-sponsored contests "substantially as announced or advertised. Also that it must disclose fully and accurately the "material terms" of such contests. And the FCC says that

it appears that Saga violated Section 73.1216 of the Commission's rules by failing to conduct the contest substantially as announced. Therefore the proposed $4000 fine.

For the Amateur Radio Newsline, I'm Bruce Tennent, K6PZW, in Los Angeles.

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Saga was given the usual time to respond. (FCC)

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RADIO LAW: METAL THEFT AFFECTS RADIO AND TELECOMMUNICATIOS

Wire and metal theft is growing nationwide and its impact is hitting the communications industry hard.

Whether it be copper radials, stainless steel beer kegs or even iron manhole covers, metal thieves continue in their quest to profit from valuable metals being sought by unscrupulous recyclers. In some instances items such as air-conditioning units, power cables, catalytic converters, light poles or aluminum bleacher seats have disappeared only to find their way to a recycling plant that pays cash and does not ask for proof the material is not stolen.

On several occasions this month, thieves dug up hundreds of feet of underground copper cable used to illuminate ball fields in suburban Maryland. This forced the organizers of a youth baseball tournament to reschedule a half-dozen games. But hardest hot seem to be remote radio locations where its easy to cut away and run off with coax, hardline and even tower sections.

In some cases, thieves have put themselves in great danger by stealing live electrical wires from buildings. A 41-year-old man was electrocuted this month in a vacant building in Pasadena, California. A 47-year-old man was killed while stripping wire from a Washington D.C. school last year.

In all, about two dozen people have been killed across the country in the past 12 months while trying to steal metals. Some states and local governments are tightening ordinances to discourage the practice by holding recycling companies accountable. Even so, the thefts continue to satisfy their need for raw materials needed by some emerging nations around the world. (Published reports)

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RADIO BUSINESS: CHIP MAKING DOWN IN 2006

If you are finding some integrated circuit chips hard to find, threes a reason. According to an industry group, the utilization rate of the world's chip manufacturing plants stayed below 90 percent for the second straight quarter of 2006. The usage rate was only 86.4 percent in the quarter bending December 30th. That was down from 88.5 percent in the July to September 2006 time period (Silicon Industry News)

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NAMES IN THE NEWS: W2IK COMMEMORATES 911

Some names in the news. First up is Robert Hejl, W2IK. He says that he will again be operating special event station W2IK stroke WTC911 from 1300 to 0300 UTC on September 11th.

W2IK says that this activity is in honor of those who lost their lives during the World Trade Center disaster of September 11th 2001. He will be using his own callsign because that was the first call sent from Ground Zero.

Listen for W2IK stroke WTC911 in the upper portions of 40, 20 and 15 meters SSB. QSL by sending a 9x12 SASE to W2IK at his address listed at QRZ.com. For more information please visit http://hometown.aol.com/realhamradio/ to see W2IK'entire story. (W2IK))

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NAMES IN THE NEWS KARC AT 75 OPERATING AS W8VY

And word from KC8ZTJ that Michigan's Kalamazoo Amateur Radio Club will be celebrating its 75th anniversary this month with a Special Event station. The club will be a portable from the Campus of Western Michigan University from August 18th, 1600 UTC and August 19th at 0400 UTC. Look for W8VY on 80 through 15 meters on CW and SSB. QSL with a self addressed stamped envelop to KARC, 5640 Venture Court, Kalamazoo, Michigan, 49009 (KC8ZTJ)

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RADIO CONFERENCES: NAB BROADCAST ENGINEERRING CONFFRRENCE - 2008

The 62nd National Association of Broadcasters Broadcast Engineering Conference to be held next April in Las Vegas, Nevada. is already calling for technical paper proposals. Topics to be considered include radio engineering; digital radio developments around the world; HD Radio

implementation; audio and RF test measurement techniques; and automation systems.

The deadline for submitting proposals is Oct. 5th. The NAB will notify presenters if a proposal has been accepted by November. 9th. After acceptance, presenters have until January 18th 2008 to submit the completed paper, which will be published in the N-A-B Broadcast Engineering Conference Proceedings. More information and a link to the submission form is on line at www.nab.org/nabshow/forms/bec.asp) (NAB)

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BREAK 2

This is ham radio news for today's radio amateur. From the United States of America, We are the Amateur Radio Newsline with links to the world from our only official website at www.arnewsline.org and being relayed by the volunteer services of the following radio amateur:

(5 sec pause here)

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HAM RADIO IN SPACE: CELEBRATING THE WORLD SCOUT MOVEMENT FROM SPACE

The world scouting movement recently celebrated its 100th anniversary by vicariously going into space with the help of ham radio. This as ten scouts at this year's World Scout Jamboree in Chelmsford, England exchanged questions and answers with astronaut Clay Anderson, KD5PLA, on board the International Space Station. The contact took place on Saturday, August 4th, and KD5PLA was quick to respond to whatever was asked. Take a listen:

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Eric: "Hi. I'm Eric from the Netherlands asking Brian's question. Can you see the sunrise from space? Over."

Anderson: "We can see the sunrise sixteen times a day. We go around the Earth every 90 minutes and we can see a dunrise and a sunset every 90. So, yes we can. Over."

--

In all, KD5PLA answered 20 questions prepared by the scouts. He confirmed he had been a 1st class scout himself and said he decided to become an astronaut when he was 8 years old and saw Apollo disappear behind the moon and emerge some 15

minutes later. He also talked about life on-orbit:

--

Shohe: "Hi. I'm Shohe from Japan asking Rio's
question. How easy is it to get along with each
other in a confined space. Over."

Anderson: "Actually, its pretty easy because
this space station has the same volume as a three
bedroom house. So we have a lot of room to move around. Over.

--

Communications for the event was handled by
special ground station GB10J. It was operated by
Howard Long, G6LVB, while Carlos Eavis, G0AKI,
was at the mike and conducted contact. Paul
Joosten, PA5UL established an Internet connection
and fed the audio of the contact into Skype so
that the signals could be relayed over EcholInk
by Graham Lawton, G7EVY. The radio contact
started at 21:12 UTC and the exchanges went on
for 10 minutes with excellent conditions. And
they even had time to say goodbye before KD5PLA flew out over the horizon

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Eavis: "NA1SS, this is GB100J. Clay, Thank you
very much for that and I am sure the audience
would want to give you a huge round of applause. (Applause)

Anderson: "Thank you and my best to the 21st
World Scout Jamboree in Chelmsford, England. And
this is NA1SS signing out. Thank you very much.

(More applause)

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G6LVB also provided live streaming video of the
event. A video file of the entire contact is
available for you to see at
http://www.youtube.com/watch?v=1swyCCTbP1w
(Audio supplied by Howard Long G6LVB. Story
material by Gaston Bertels - ARISS-Europe chairman)

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THE FINAL FRONTIER: VIRGIN GALACTIC AND NASA PARTNER IN RESEARCH

NASA and Virgin Galactic have signed an agreement
to explore the possibility of working together to
develop new spacesuits, hybrid rocket motors and other space technology.

The pact will allow NASA and Virgin Galactic to

explore possible avenues of technology research
that would make use of NASA's Ames Research
Center facilities. Some of the possible
collaborations include developing protective heat
shields for spaceships and vehicles that can
travel at least five times the speed of sound.

Virgin Galactic, was founded by British
entrepreneur Richard Branson. It plans to
test-fly a vehicle being built by famed aerospace
designer Burt Rutan next year and operate it
commercially by 2009 (Science OnLine)

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THE FINAL FRONTIER: CELEBRATING SPUTNIK 1 WITH CQ MAGAZINE

A well known ham radio magazine is planning to
commemorate the worlds first man made
satellite. Dorothy Bishop, VK2DB, has the details:

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October 4, 1957 saw the launch of the worlds
first artificial earth-orbiting satellite, Sputnik I.

The editor of CQ Magazine would like Radio
Amateurs' recollections of that historic event
for inclusion in the October issue. Please
respond as soon as possible by e-mail directly to
a special mailbox they have set up at sputnik@cq-amateur-radio.com

I'm Dot, VK2DB, from ALARA.

--

Again that e-mail address is sputnik at
cq-amateur-radio dot com. Mark your e-mail to
the attention of Editor Rich Moseson, W2VU. (WIA News, CQ)

**

ON THE AIR: INBB TO SHUTTER ITS DELANO CA FACILITY IN OCTOBER

The United States International Broadcasting
Bureau will stop broadcasting from Delano,
California, at the end of October. This,
according to Radio World on-line that says the
decision was announced in an internal e-mail to employees on July 24th.

According to the on-line magazine the
announcement stated that the move is being made
as a result of the Broadcasting Board of
Governors' changing global mission to meet
current U.S. government broadcast requirements,
along with reduced budgets and changes in technology .

Located about 140 miles north of Los Angeles, California, the Delano station relies entirely on shortwave radio transmissions. This is a broadcast format that is relatively expensive to operate. Although shortwave was the focus of international broadcasting for many decades, sit has declined in importance as traditional audiences have shifted to FM and Medium Wave radio, television and the World-Wide-Web

The station began shortwave broadcasts to the Pacific Theater of World War II in 1944. In early days, it beamed transmissions directly to local audiences and to retransmitting facilities in Hawaii, Okinawa and the Philippines. Later the station provided critical shortwave broadcasts to Cuba, South America and Asia. For now at least the International Broadcast Bureau plans to retain transmitting facilities in North Carolina, Flordia and the territory of the Northern Marianas. (ASWLC)

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RADIO HAPPENINGS: JUST THE BREAR FACTS

Two public radio stations in Northern California may have been knocked off the air by a hungry bear. The Redding Record Searchlight reports that power was restored Tuesday, July 24th to the Jefferson Public Radio stations, which had gone silent two days earlier after what was throughout to be a wayward bear snapped the cable.

It originally was thought that the outage was caused by a microwave equipment failure or a severed power line on Mt. Bradley. But an engineer for the stations has concluded that the likely culprit was a bear that apparently had pulled apart a special connector while trying to get to a beehive under the line. The bear was nowhere in sight when repair workers arrived. The station Web site says the problem affected listeners in Shasta County and much of Siskiyou County. (RW)

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WORLDBEAT - AUSTRALIA: RAMPAGE BRINGS DOWN CELL TOWERS

Temporary phone towers may be needed after tank rampage in Sydney, Australia. This after telecommunications provider Telstra says it may have to install temporary cell phone towers in Sydney's west to replace ones which were damaged when a man went on a rampage in a restored army personnel carrier.

According to the Wireless Institute of Australia News, the man led police on a 90-minute chase through a number of suburbs. Police are alleging that the 45-year-old destroyed six phone towers and damaged an electricity sub-station. He was eventually apprehended and charged with a range of offenses including malicious damage and predatory driving. The Magistrate recommended that the driver be held for medical and psychiatric treatment before his case goes to Local Court.

Telstra spokesman Jeremy Mitchell says repair crews were not able to gain immediate access to the towers as they were a "scene of crime". (WIA News)

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DX

In DX, word that KC0W, will be moving to St. Helena Island in early September and is expected to be active as ZD7X. His activity will be on CW, SSB, RTTY and PSK. Look for his operations on 160 through 6 meters with special attention given to 160, 80, 75 and 40 meters. ZD7X will also be active in most major contests. Tom has already announced that he will be on as a Single-Operator Low-Power entry in both the September CQ World Wide DX SSB Contest and the November CQ World Wide DX CW Contest. His QSL Manager is Wï¿½MM.

And ARRL DXCC Manager Bill Moore, NC1L, has announced that the 2007 J5UAR DXpedition to Guinea-Bissau has been approved for DXCC credit. Moore says that if you had cards rejected for this operation, please send an e-mail todxcc@arrl.org; and you will be placed on the list for update.

Lastly word that JA6GXK is active from Minami Torishima as JD1BMM. He has already been spotted using RTTY on 14.075 and CW on 14.050 MHz. QSLs via JA6GXK.

(Above from various DX news sources)

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THAT FINAL ITEM: SOME WORDS OF THANKS

And finally this week, with some thank you's to those who help to keep these newscasts on the air, here's Amateur Radio Newsline's Support Fund Administrator, Andy Jarema, N6TCQ

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Our catching up on thank-yous takes us back to June, 2006.

In that month we heard from the Raleigh, NC Amateur Radio Society, Sol Volen, N3UBY of Philadelphia, monthly contributors Joseph Bartzi, Jr., KC8DKF of Columbus, OH, William Walters, WA2IBM, and Scott Hensley of the Area Communications Team, also in San Jose. And our friends at the Pasadena, CA Radio Club, W6KA.

Via PayPal, Dale Tounge of Ft. Bliss, TX.

Thanks for your help. I'm Andy Jarema. N6TCQ.

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Andy will be back with us in the near future with more than-you's to those who have contributed to the support fund. (ARNewsline(tm) Support Fund)

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NEWSCAST CLOSE

With thanks to Alan Labs, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB, the Southgate News and Australia's W-I-A News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is newsline@arnewsline.org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), P.O. Box 660937, Arcadia, California 91066.

Don't forget. The presentation of this years Young Ham of the Year Award takes place this weekend, August 18th and 19th at the Huntsville Hamfest in Alabama. We hope to see you many of there.

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Don Wilbanks, AE5DW, saying 73 and we thank you for listening.

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